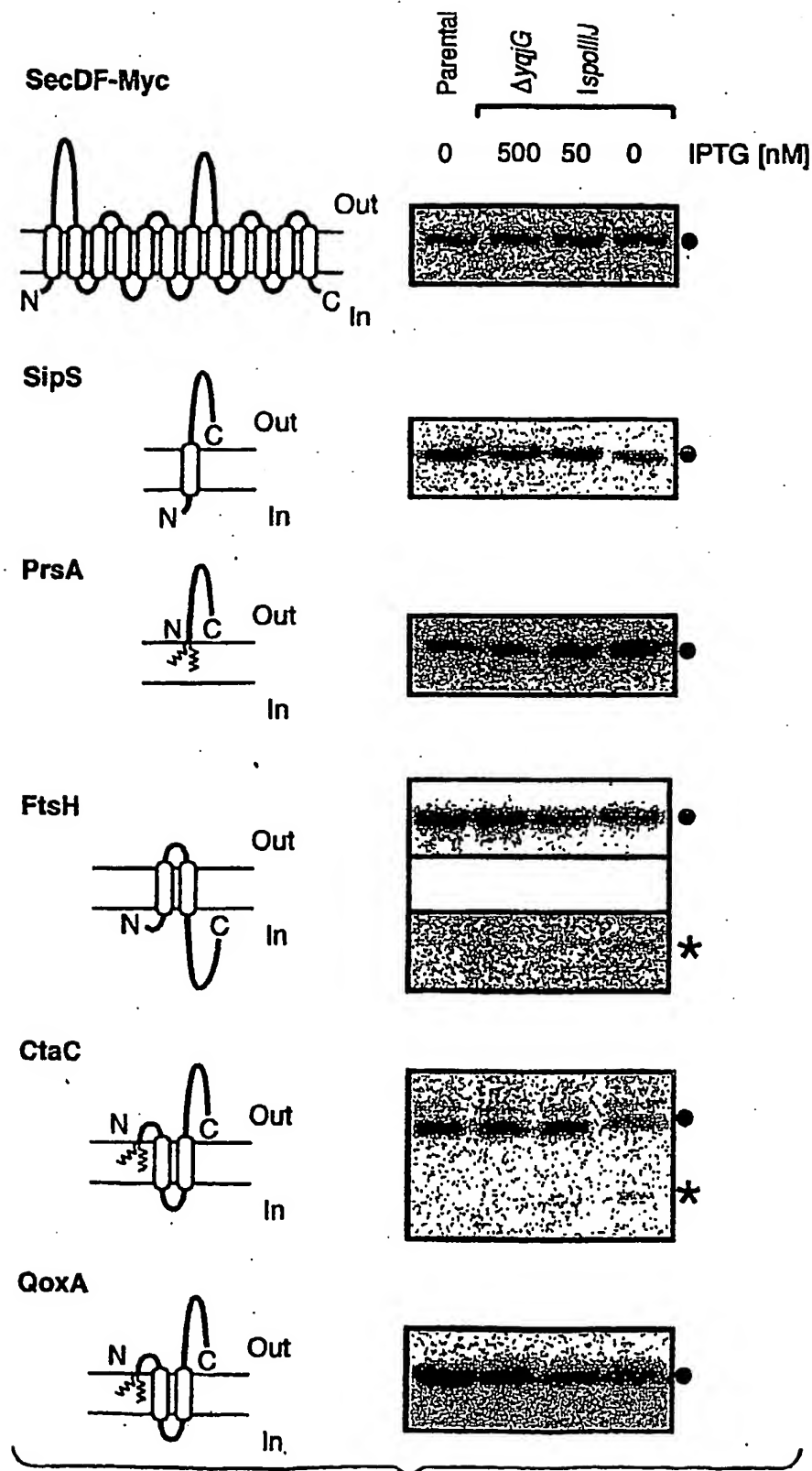
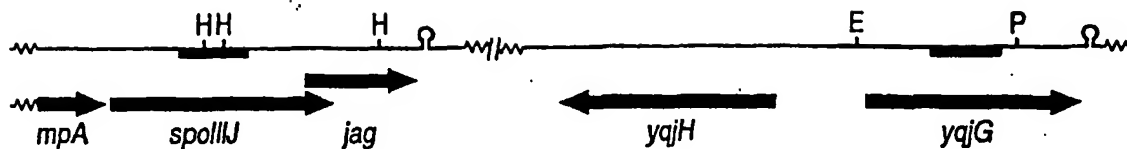


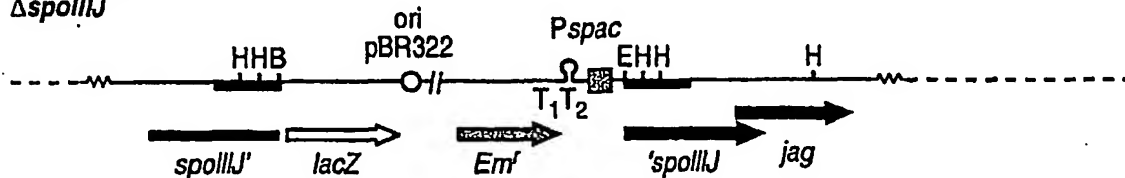
7.19



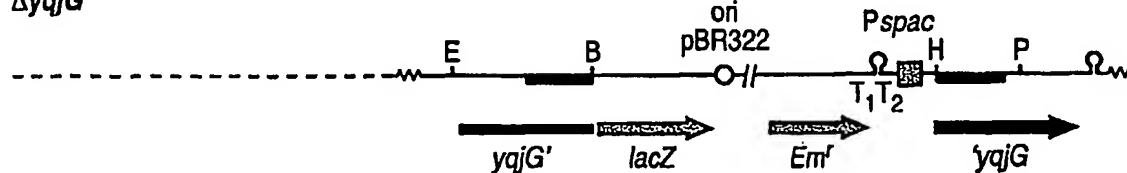
3 / 9

B. subtilis 168

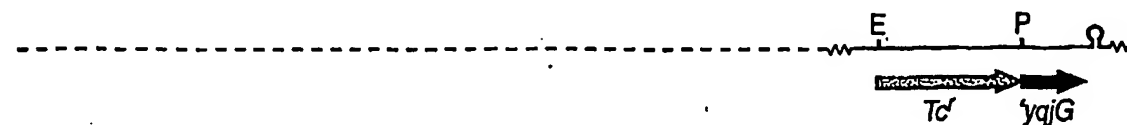
↓ Sco integration
of pMutin- Δ *spoIIJ*

B. subtilis
 Δ *spoIIJ*

↓ Sco integration
of pMutin- Δ *yqjG*

B. subtilis
 Δ *yqjG*

↓ Dco replacement of EcoRI-PstI
fragment by a Tc^r marker

B. subtilis
 Δ *yqjG*-Tc

↓ Sco integration
of pMutin-*lspoIIJ*

↓ Dco replacement of EcoRI-PstI
fragment by a Tc^r marker

B. subtilis
 Δ *yqjG-lspoIIJ*